

***FEROBIDE***

# Ground breaking material

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Tungsten carbide

Ferobide combines the wear resistance of Tungsten carbide with the toughness and weldability of steel

# Key Benefits



- ▶ Chipping resistant in rocky grounds
- ▶ Easy to apply through welding
- ▶ Welding process not affecting steel hardness
- ▶ Increasing reliability
- ▶ Maintaining product profile

...by being weldable and both wear and impact resistant



# Applications

Power harrow tines



Cultivator points



Plow points



Drill points



Coulter point trials in Sweden



Brazing causing the steel to become soft and wear more quickly

Welding with smaller HAZ keeps the hardness of the steel

Sandvik WC

Other WC

Ferobide



# Track Irradiator Tines



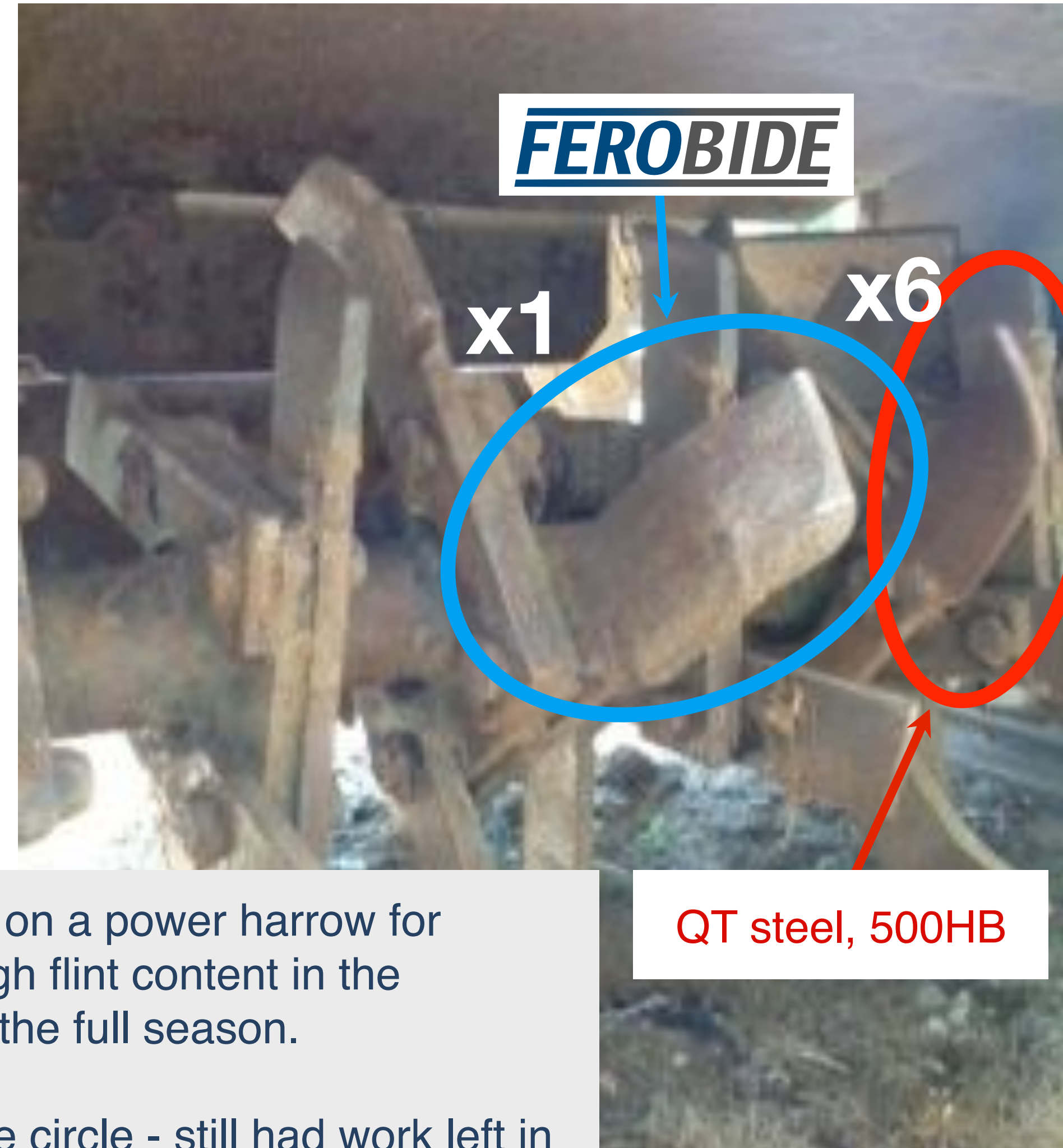


# Bed formers





## Power harrows



Tines with Ferobide tips were mounted on a power harrow for the spring campaign in a field with high flint content in the East UK with the goal of lasting the full season.

After the full season, the Ferobide tines - blue circle - still had work left in them, while the steel counterparts - red circle - had been replaced 6 times.

QT steel, 500HB



Plough points





## Subsoiler shins





## Subsoiler legs





Subsoilers





Side protection





# Summary

Ferobide has proven to:

- ▶ Reduce downtime dramatically
- ▶ Increase reliability of tools
- ▶ Improve ground working efficiency

*Where would you use Ferobide?*